

Memo No:- 1737

Date:- 26/04/2024

Subject : Physical / Chemical Examination Report of Water Sample

Sample ID/Classification : KNL/01097/4/2024 / Private		Sample Details	Date & Time
Sender :	Principal OPS International30546	Collected By	Principal OPS ...
Location :	, Kunjpura Road,Karnal	Collection Date	25/04/2024 at 15:17
Sample Description :	Drinking Water	Received at lab	25/04/2024 at 15:21
Latitude / Longitude :	76.978853 / 29.689133	Analysis Start Date	25/04/2024
		Analysis End Date	26/04/2024
		Sample Quantity	1000ML

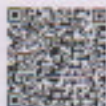
Test Result (As Per BIS 10500 :2012)

S.No.	Tested Parameter	Result	Requirement (Acceptable Limit)	Permissible Lmt. (In the Absence of Alternate Source)	Protocol Used
1	Total Dissolved Solids @ 180°C ± 2°C	290	500 mg/lt.	2000 mg/lt.	IS 3025 (Part-16) : 2023
2	Total Hardness as CaCo3	240	200 mg/lt.	600 mg/lt.	IS 3025 (Part-21) : 2009 (RA 2023)
3	Calcium as Ca	48	75 mg/lt.	200 mg/lt.	IS 3025 (Part-40) : 1991 (RA 2023)
4	Magnesium as Mg	28.8	30 mg/lt.	100 mg/lt.	IS 3025 (Part-46) : 2023
5	Iron as Fe	0.01	1.0 mg/lt.	1.0 mg/lt.	USEPA-8008:2017
6	Chloride as Cl	66	250 mg/lt.	1000 mg/lt.	IS 3025 (Part-32) : 1988 (RA 2019)
7	Sulphate as So4	25	200 mg/lt.	400 mg/lt.	USEPA-8051:2017
8	Fluoride as F	0.390	1.0 mg/lt.	1.5 mg/lt.	APHA 24th Edition-4500F C
9	Nitrate as No3	2.9	45 mg/lt.	45 mg/lt.	APHA 24th Edition -4500 NO3 D
10	pH @ 25°C	7.35	6.5 - 8.5	6.5 - 8.5	IS 3025 (Part-11) : 2022
11	Total Alkalinity	260	200 mg/lt.	600 mg/lt.	IS 3025 (Part-23) : 1986 (RA 2019)
12	Color	<5	5 Hazen Units	15 Hazen Units	IS 3025 (Part 4): 2021
13	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part-5) :1984 (RA 2018)
14	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part-8) :1984 (RA 2022)
15	Turbidity	<1	1 NTU	5 NTU	IS 3025 (Part-10):1984 (RA 2022)

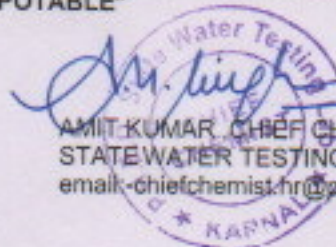
Remarks :-

- * The Results Given above are related to the sample as received and tested in PHED KARNAL Lab.
- * The test report can't be regenerated in whole or part there of without written permission of Competent Authority.
- * The test report can't be used for any publicity or any legal purpose.
- * Reliability of water sample sample lies with sender/collector of water sample.
- * To check the sample report online Scan the QR Code below.
- * The test samples meant for chemical analysis will be disposed off after 15 days from the data of issue of test report unless until specifically requested by the customer for retaining over a longer period.

Water Sample has been found **"CONFORMING"** to Limits set in BIS10500:2012 for the tested parameters.
Based on the tested parameters,the water sample is found **"POTABLE"**



Joginder Singh
Sample analyzed by :



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